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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number			
			Filing Date		Herewith	
			First Named Inventor		ARAI	
			Group Art Unit			
			Examiner Name			
Sheet	1	of	1	Attorney Docket Number		03415/LH

U.S. PATENT DOCUMENTS

Exam. Inits ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
NH NH NH		JP	59-219923	A	NAITO ET AL	12-11-1984		X*
		JP	05-275290	A		10-22-1993		
			*English abstract attached.					

Examiner Signature



Date Considered

6/25/99

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¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/622,908
				Filing Date	07/17/2003
				First Named Inventor	S. ARAI et al.
				Group Art Unit	2831
				Examiner Name	HA, NGUYEN T.
Sheet	1	of	1	Attorney Docket Number	03415/LH

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Exam. Inits ¹	Cite No ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

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NH	A	JP	09-180962	A	MATSUSHITA ELECTRIC IND CO LTD	07-11-1997		X*
NH			*English Language Abstract only					
Examiner Signature					Date Considered	6/25/04		

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